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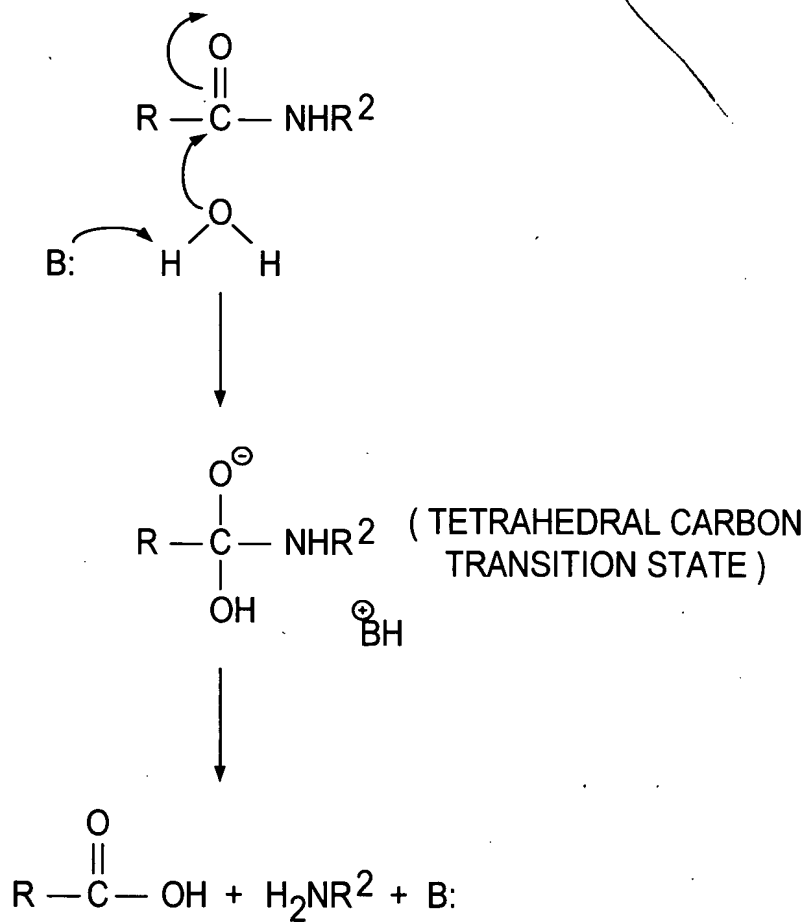


FIG. 1

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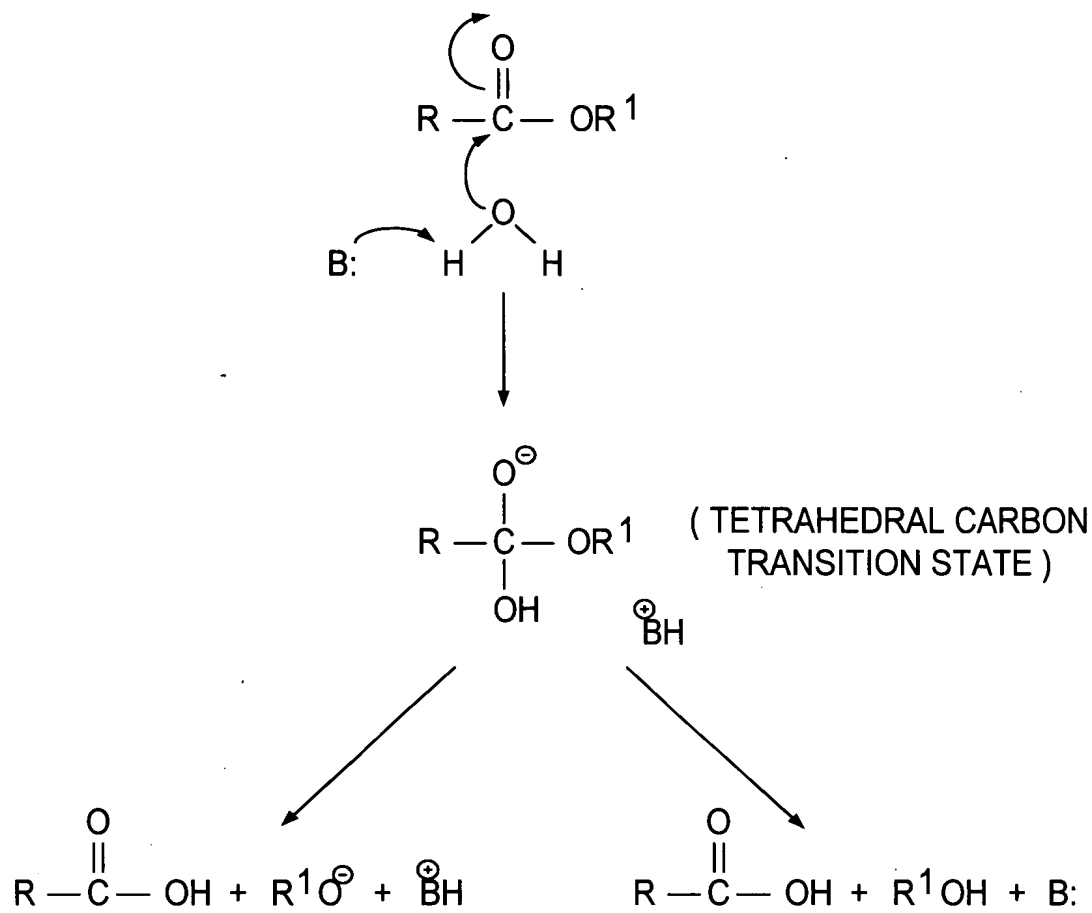


FIG. 2

APPROVED	C.S. FIG.	
BY	CLERK	SUBCLASS
DRAFTSMAN		

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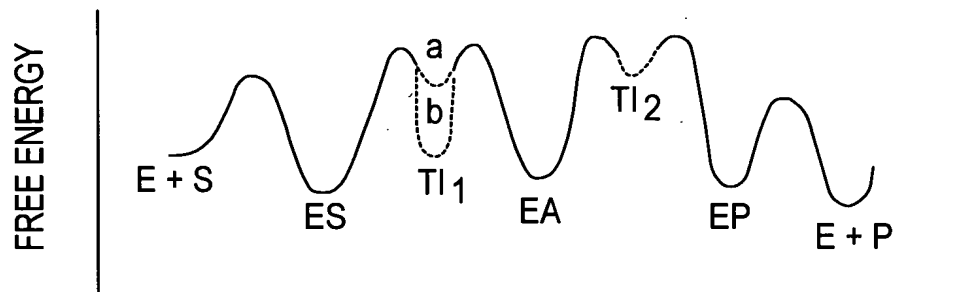


FIG. 3

APPROVED	D.C. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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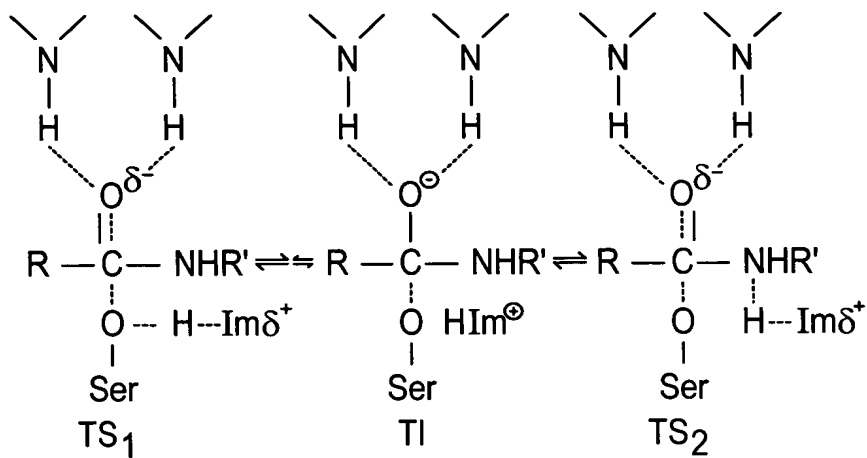


FIG. 4

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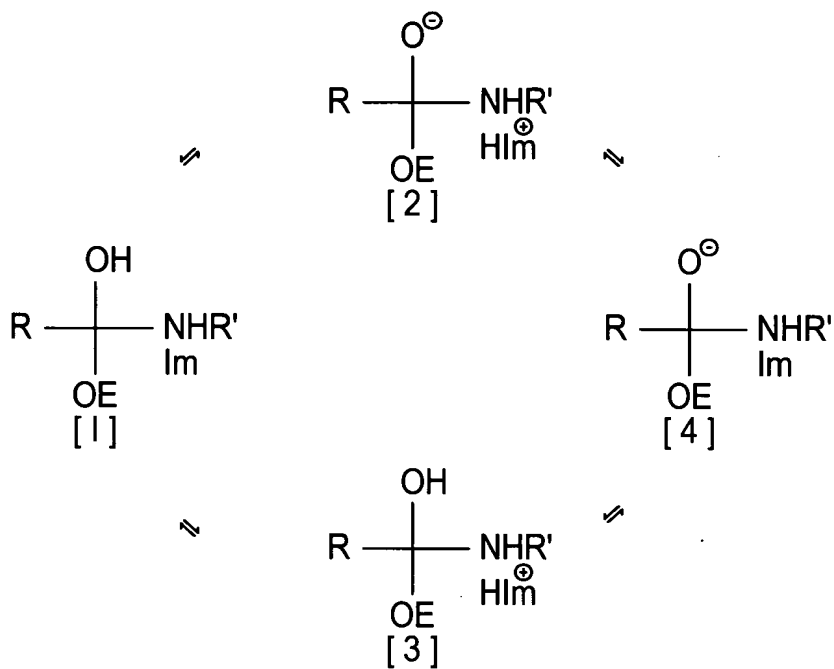


FIG. 5

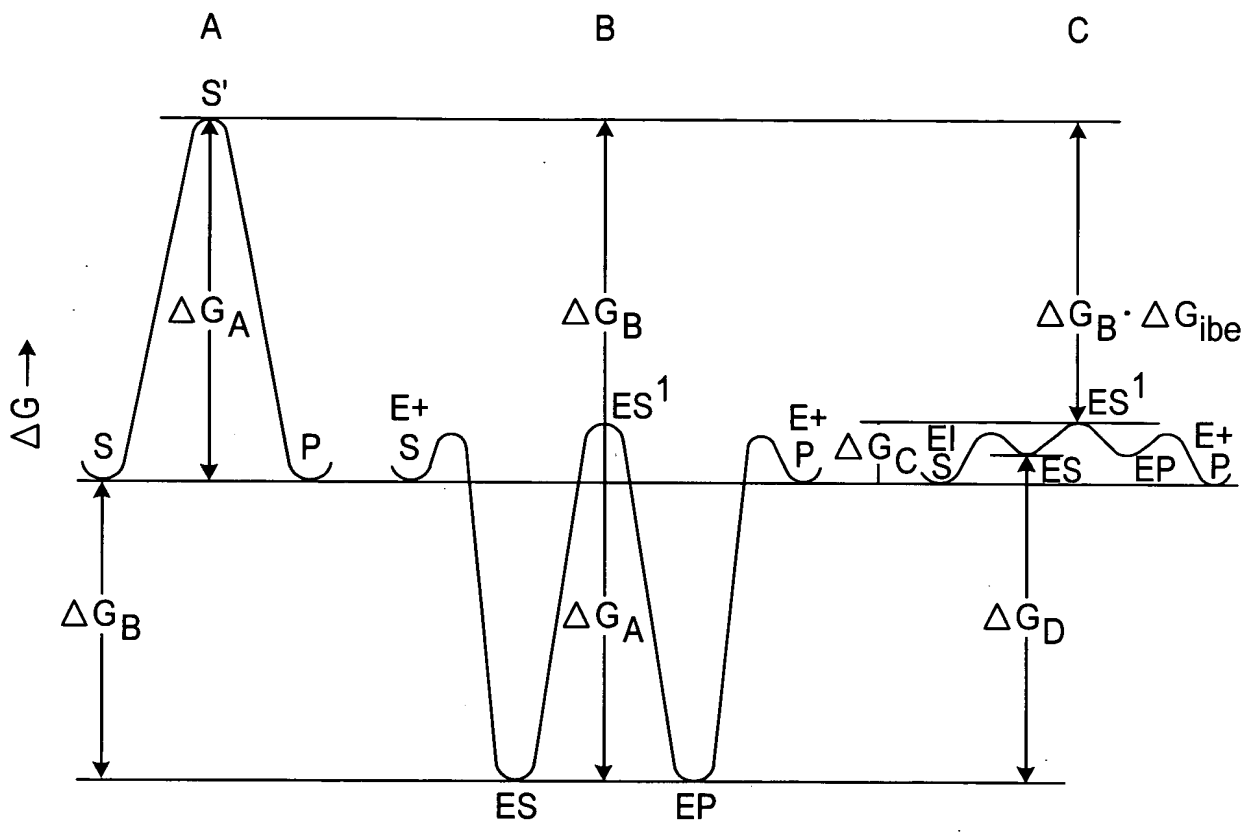


FIG. 6

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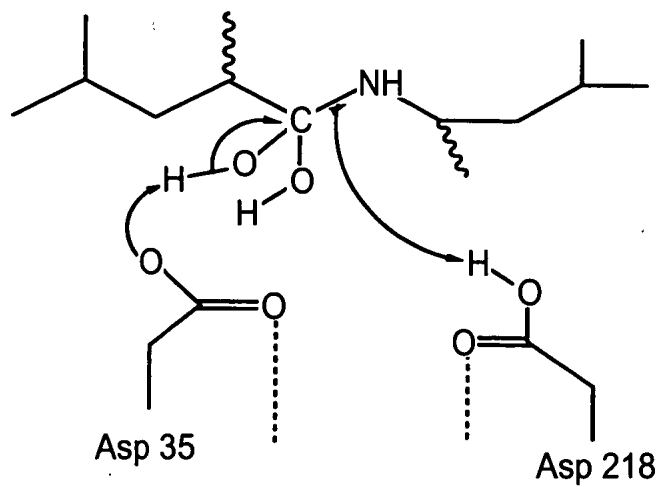
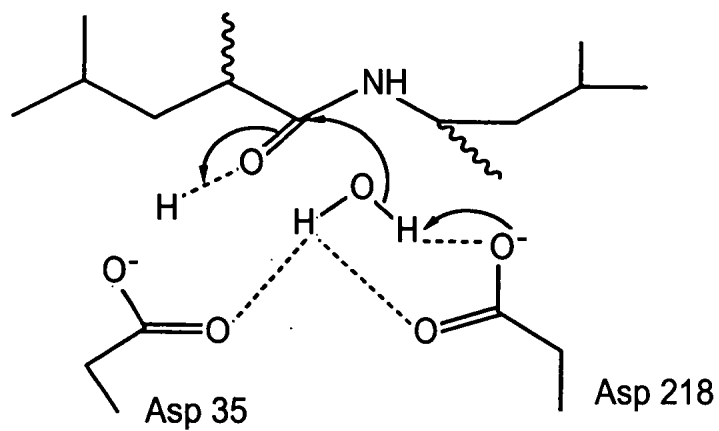


FIG. 7

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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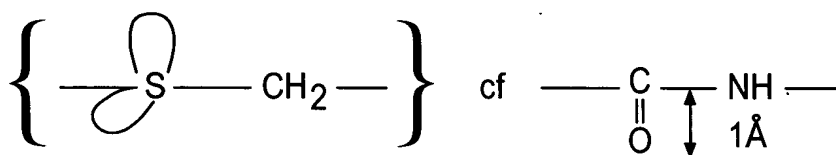


FIG. 8

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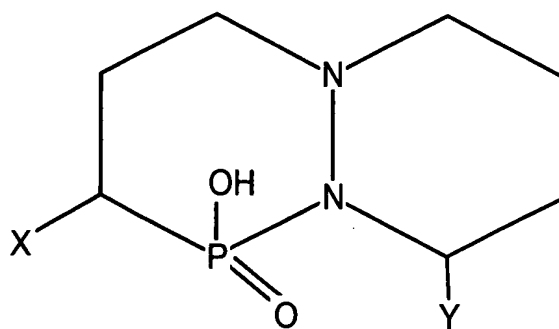
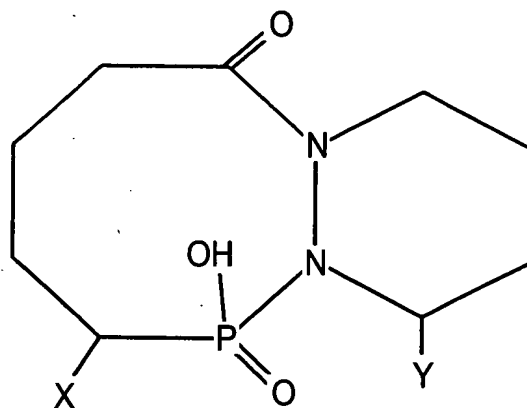
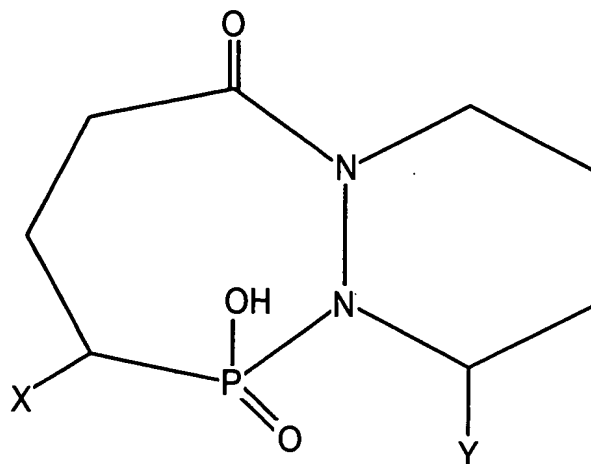


FIG. 9

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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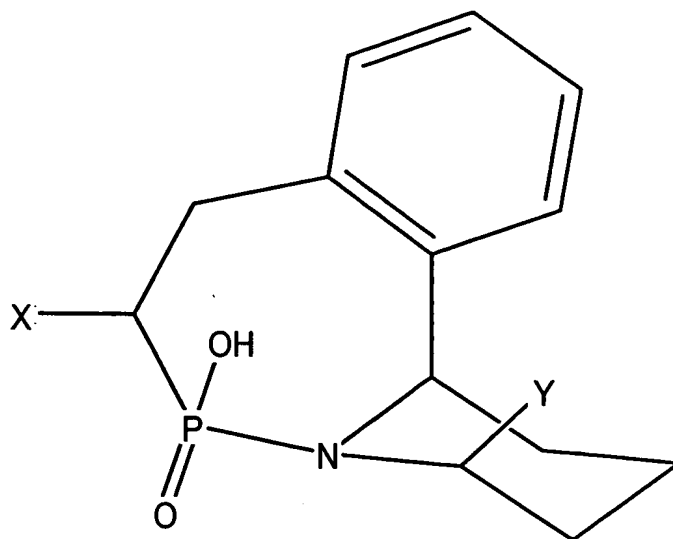
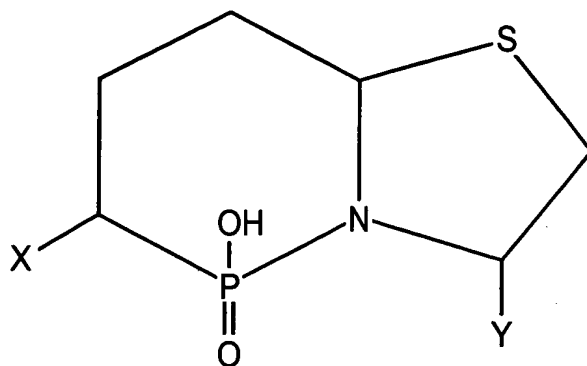


FIG. 10

APPROVED	O.C. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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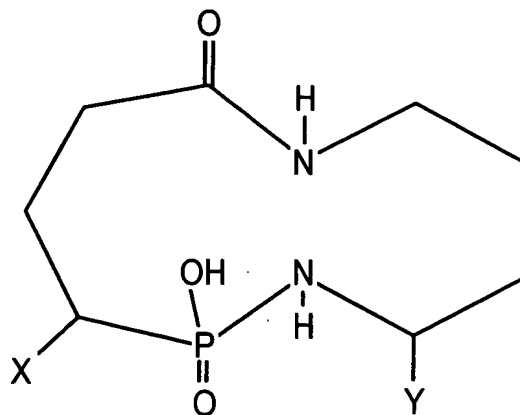


FIG. 11

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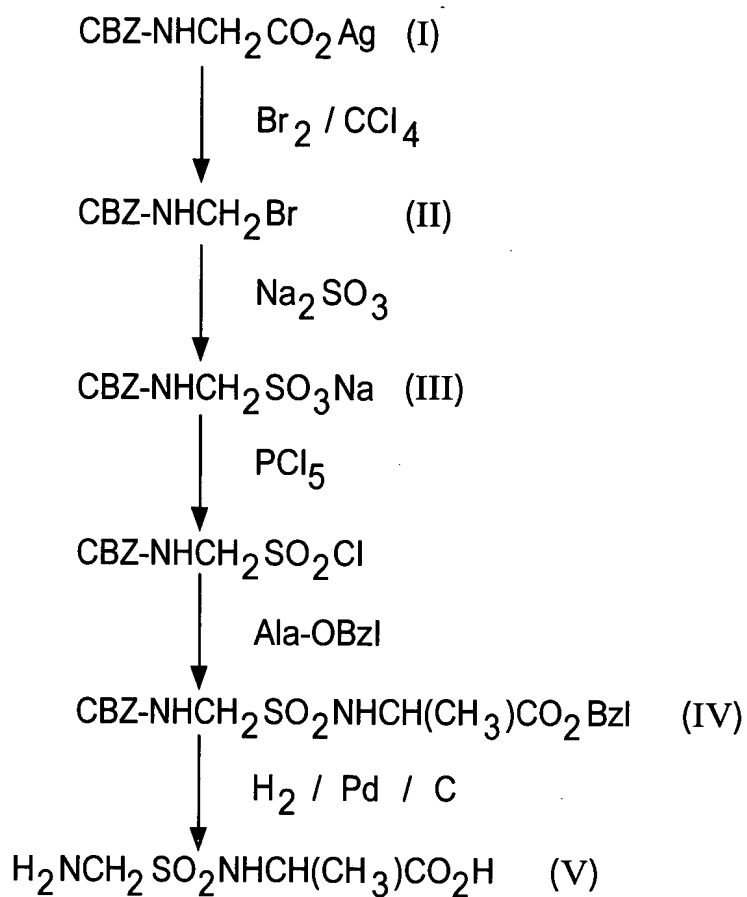


FIG. 12

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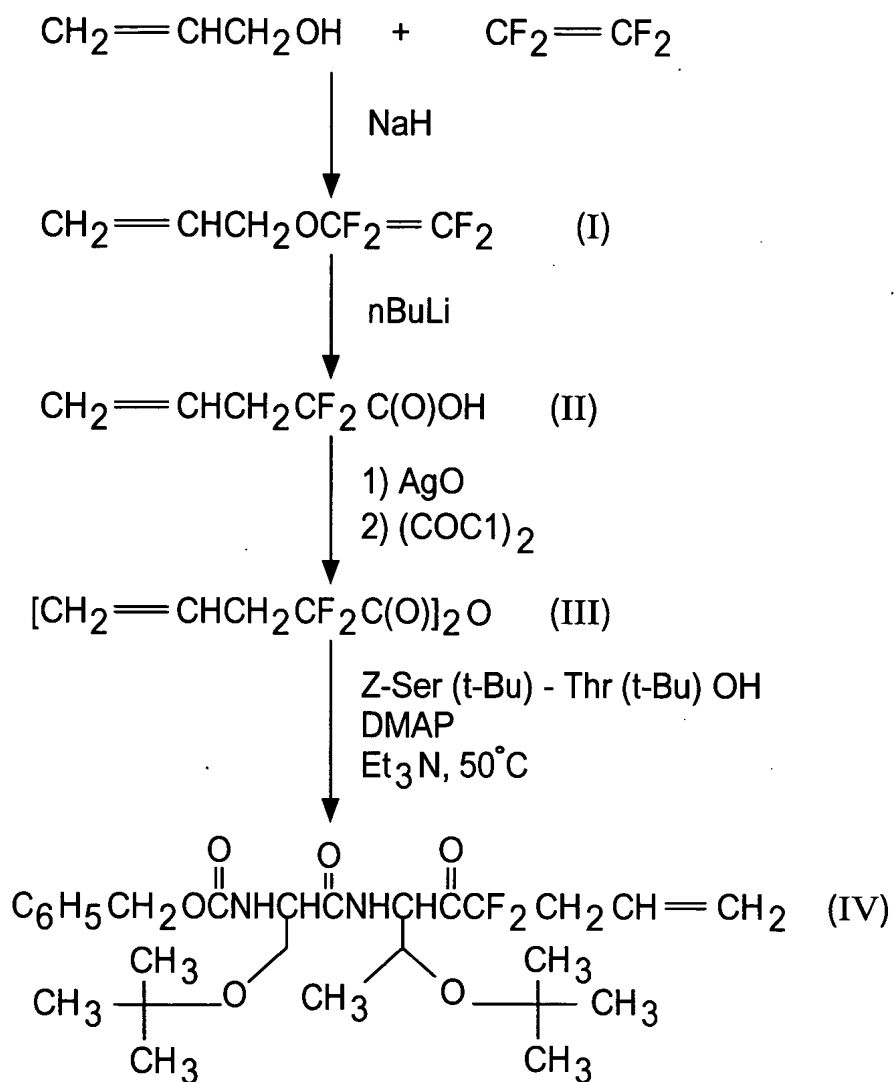
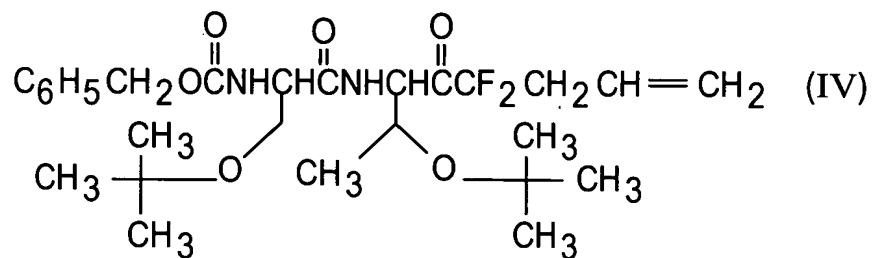
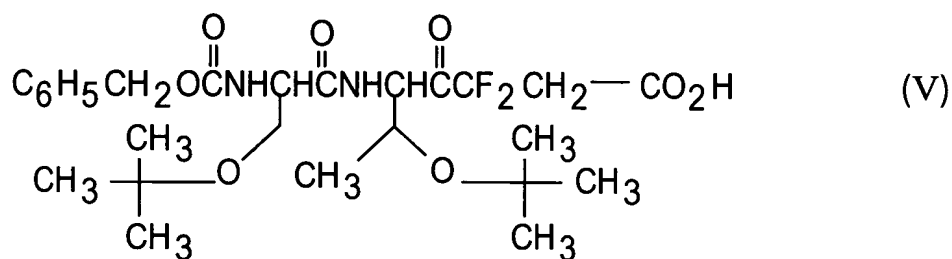


FIG. 13

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- 1) O₃
- 2) CH₃SCH₃
- 3) CrO₃ / H₂SO₄



- 1) H₂ / Pd / C

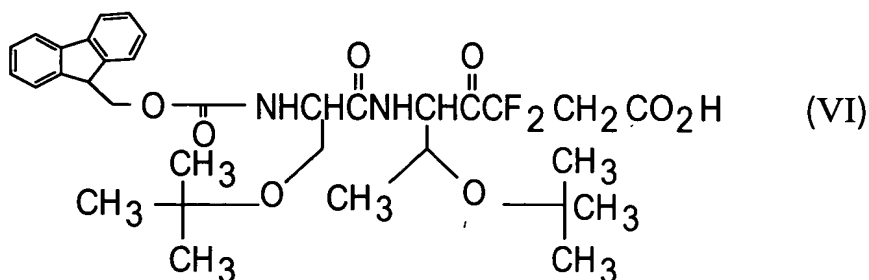
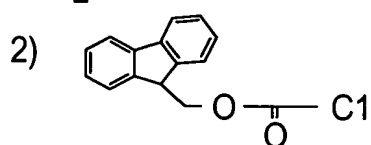
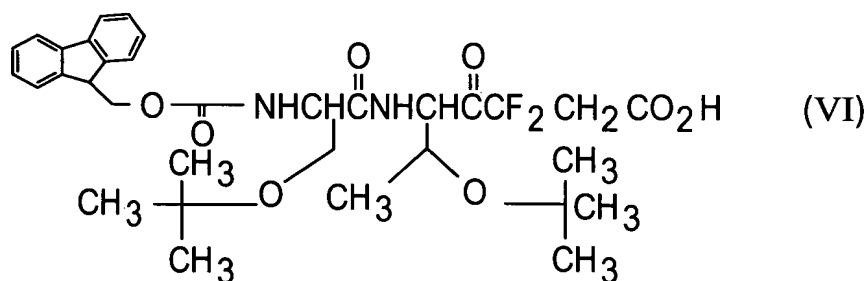


FIG. 13 (CONT'D)

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DEPROTECT

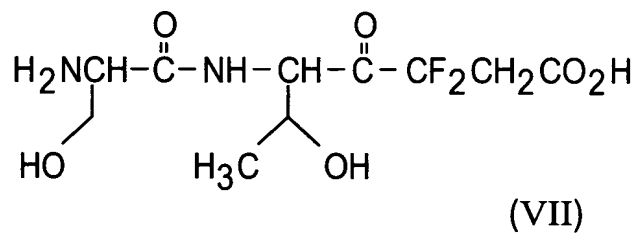


FIG. 13 (CONT'D)

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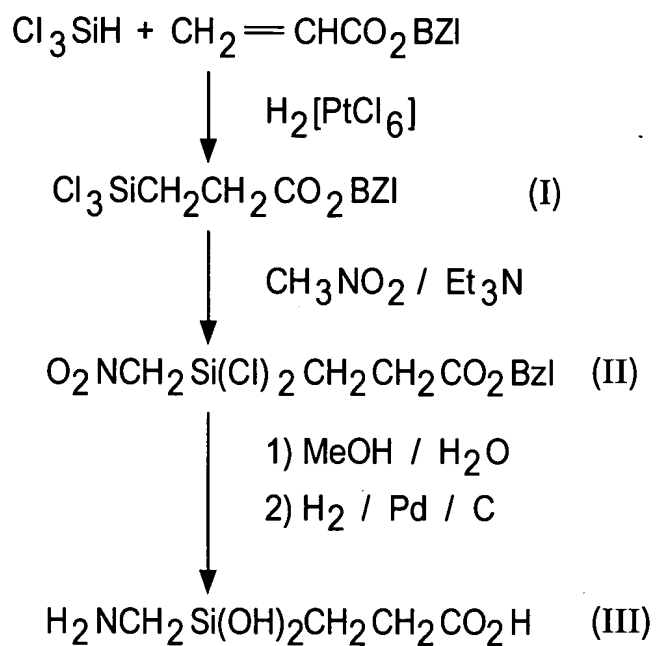


FIG. 14

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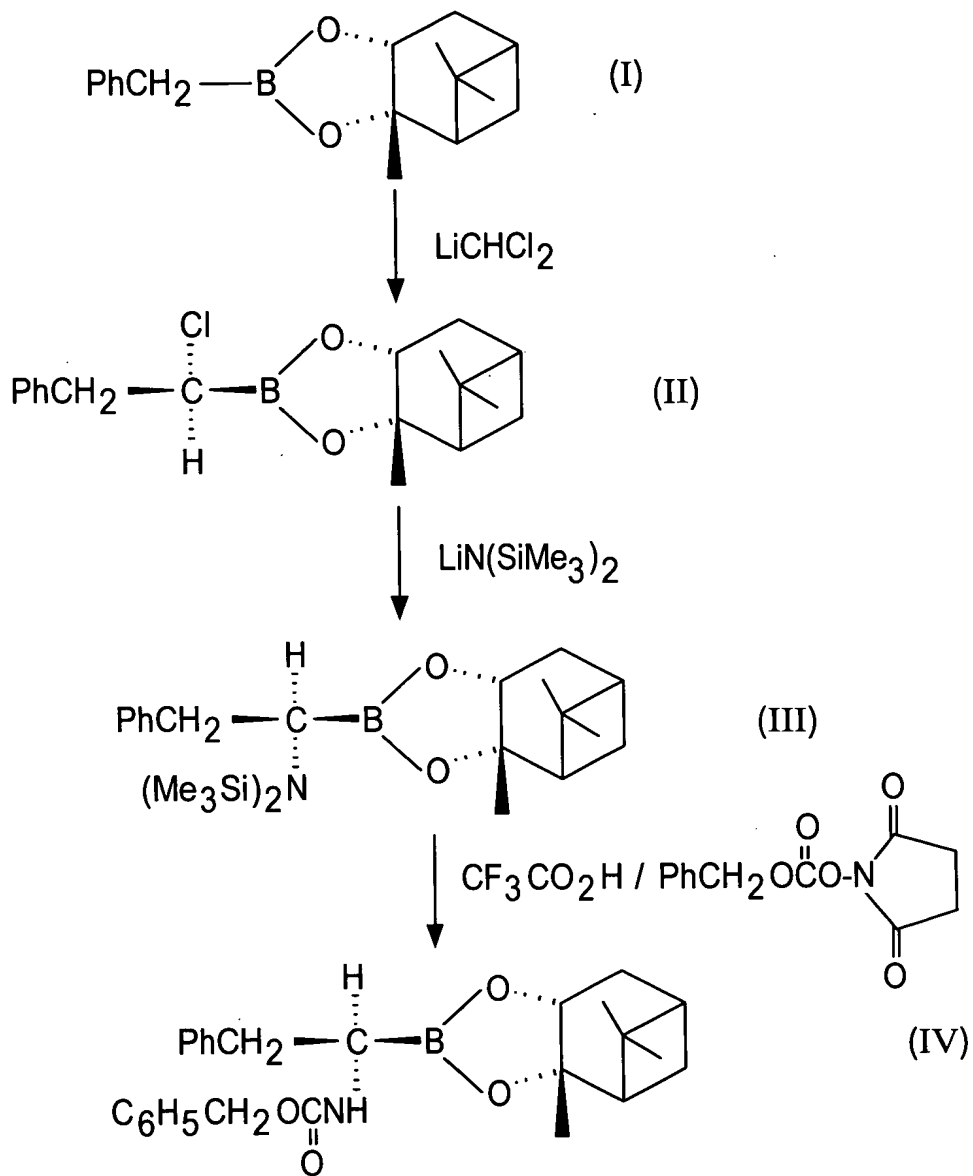


FIG. 15

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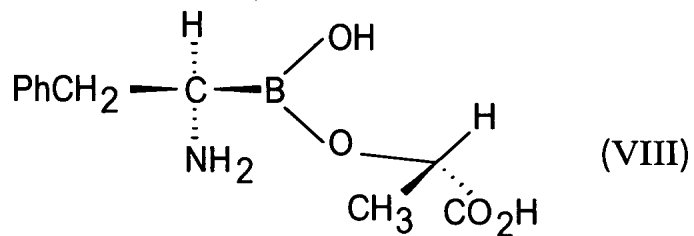
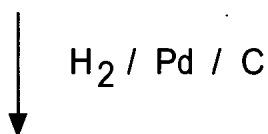
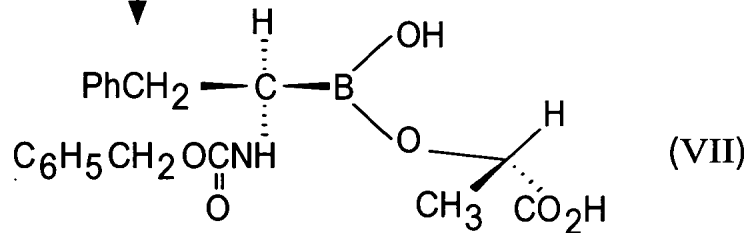
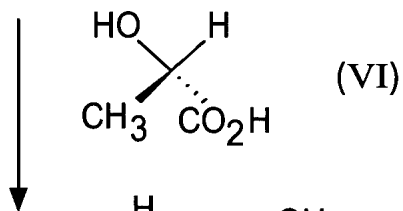
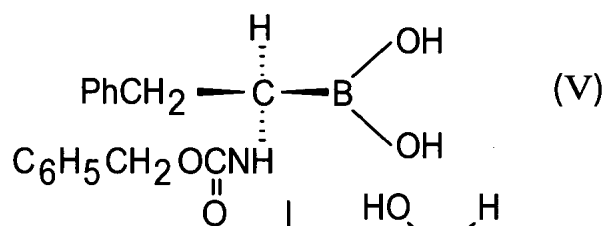
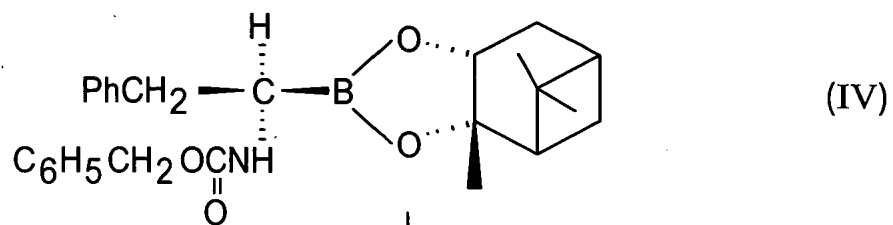


FIG. 15 (CONT'D)

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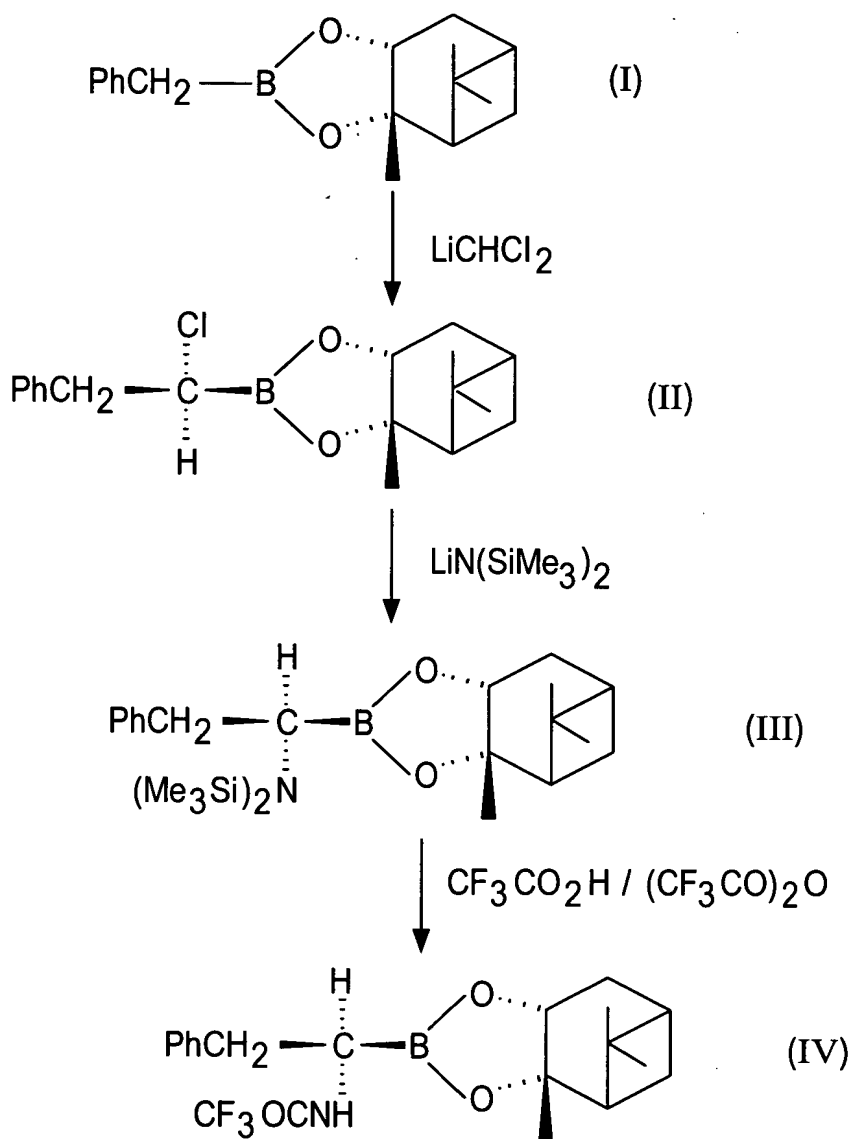


FIG. 16

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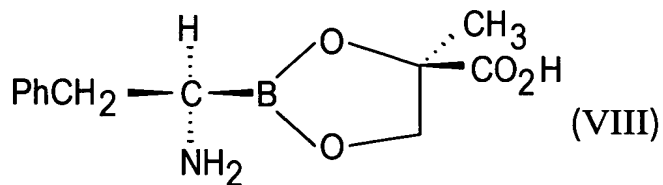
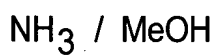
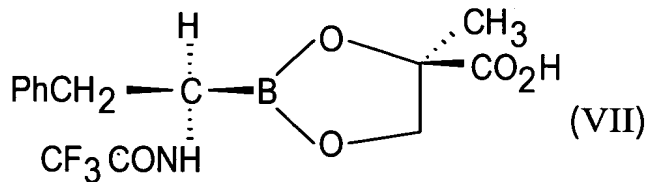
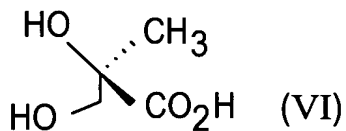
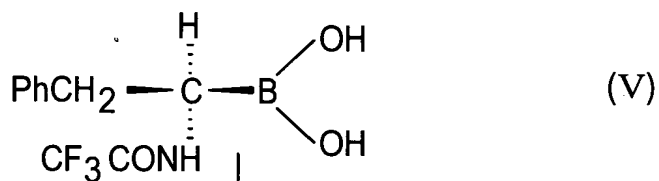
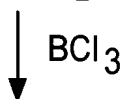
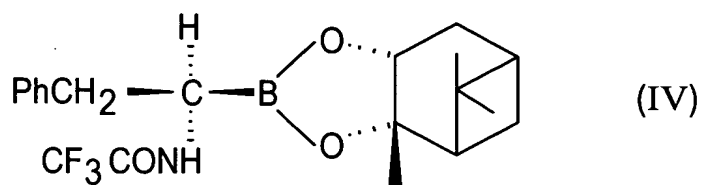


FIG. 16 (CONT'D)

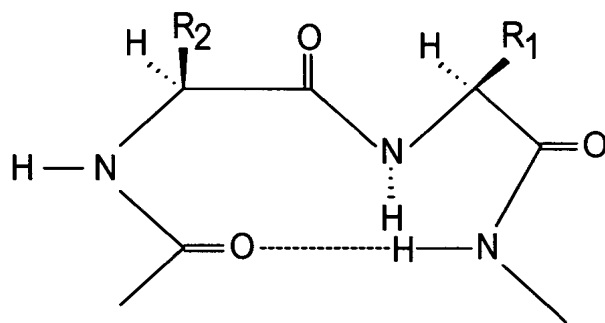


FIG. 17

FIG. 18

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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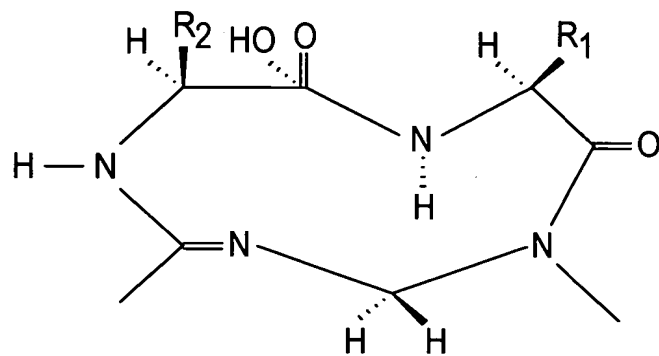
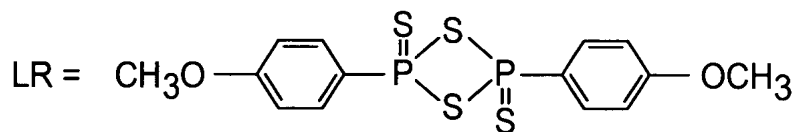
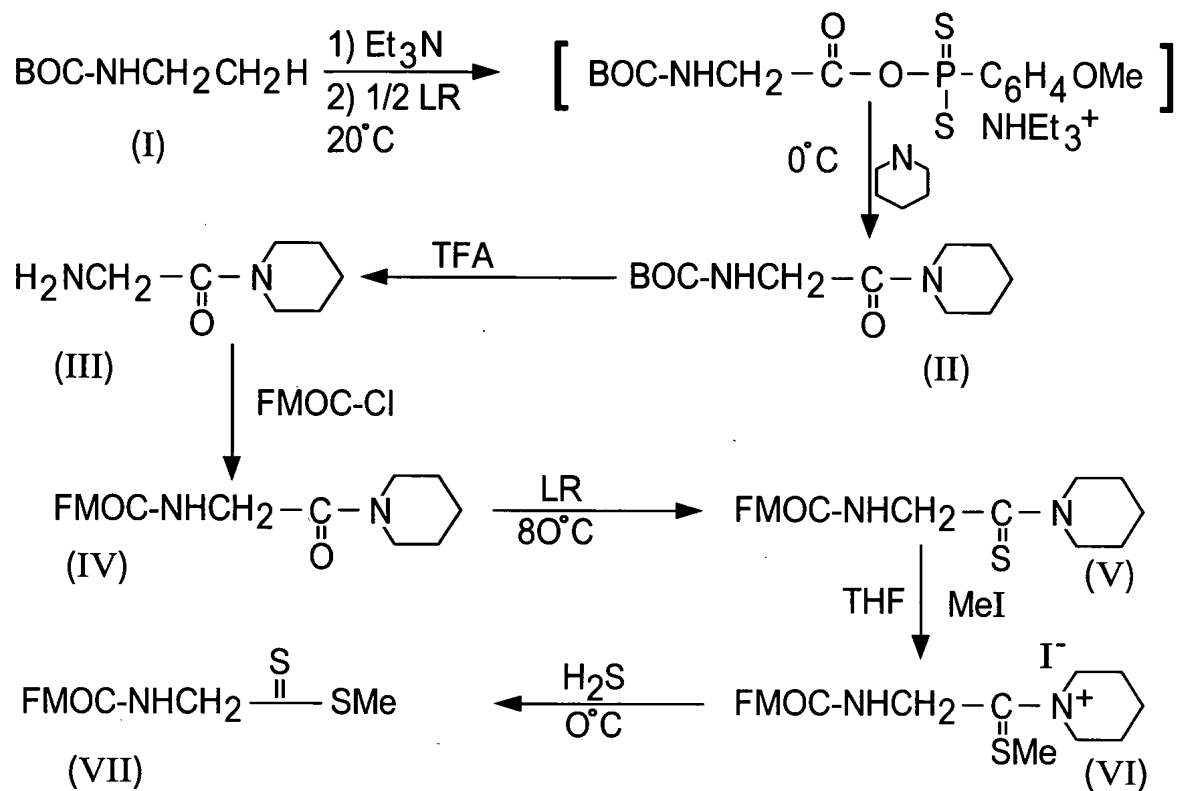


FIG. 19

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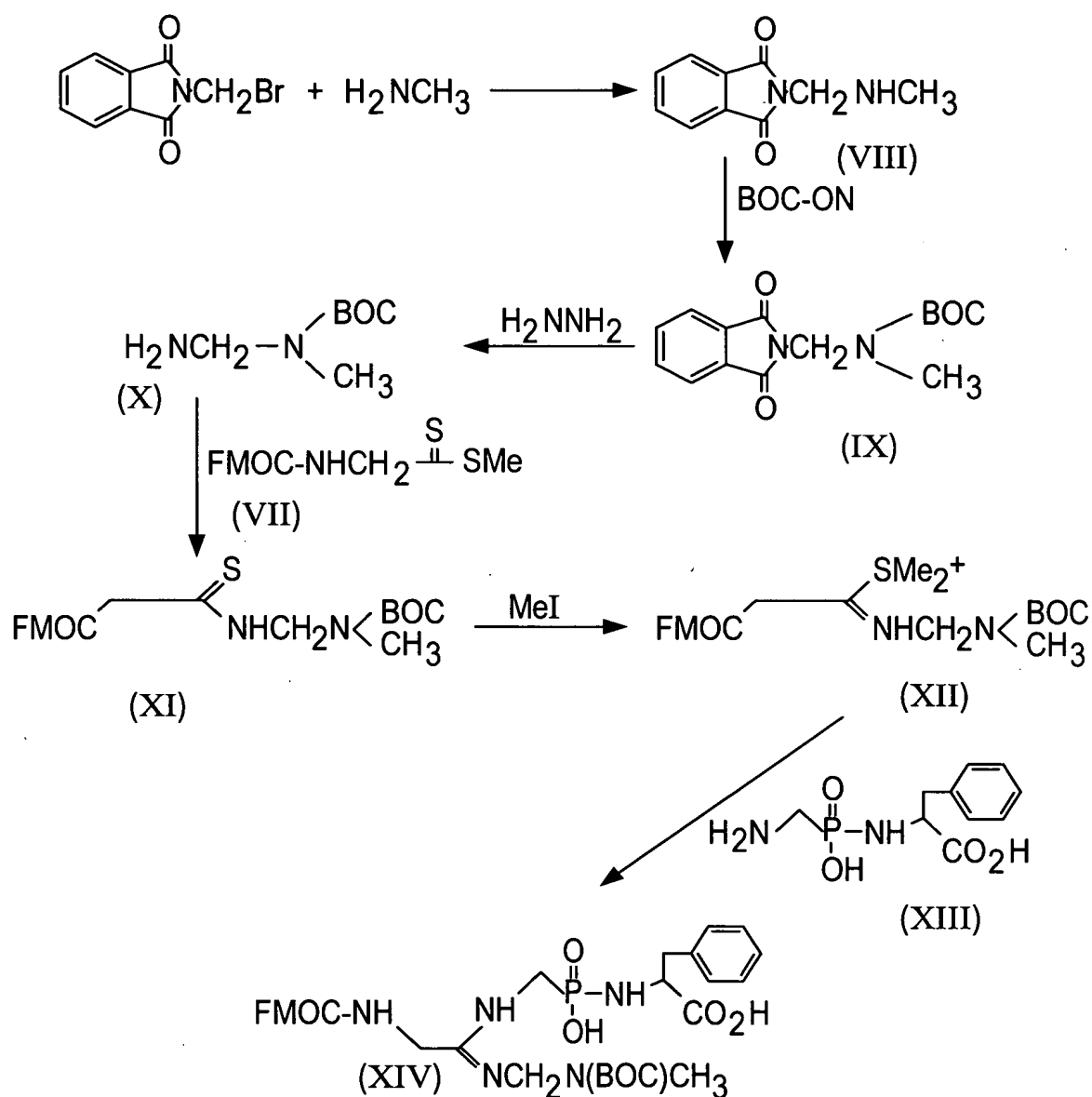


(LAWESSON'S REAGENT)

SCHEME 1

FIG. 20

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SCHEME 2

FIG. 21

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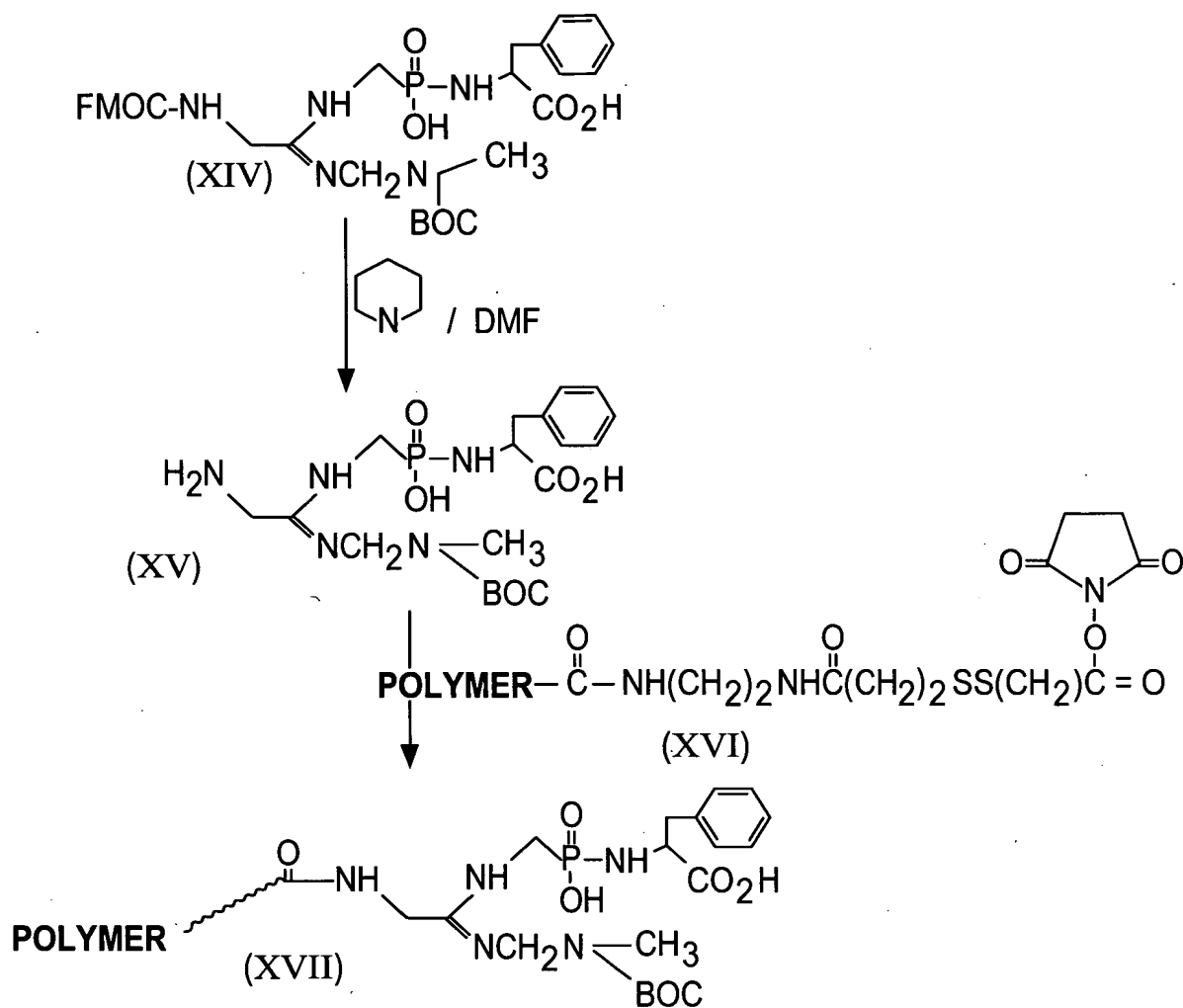
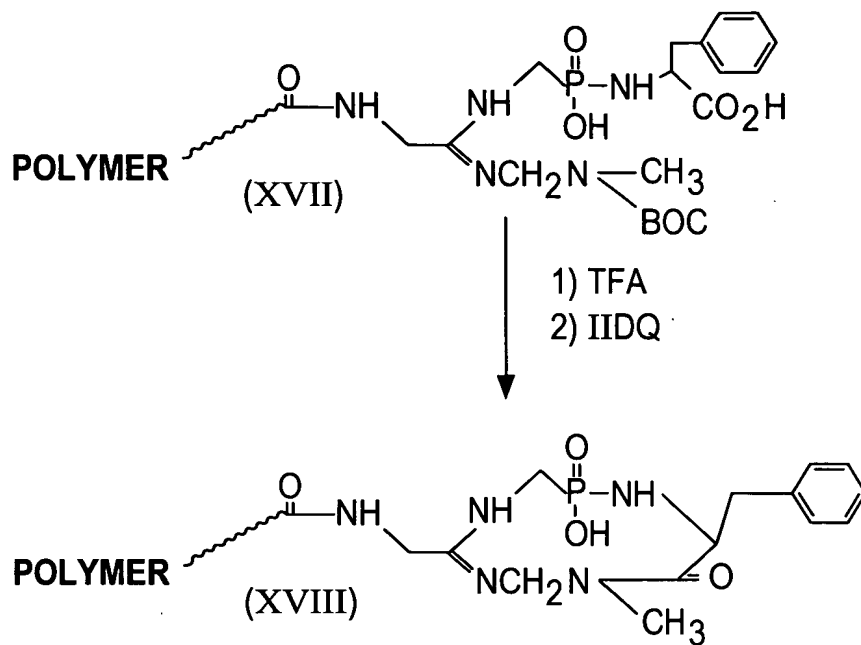


FIG. 21 (CONT'D)

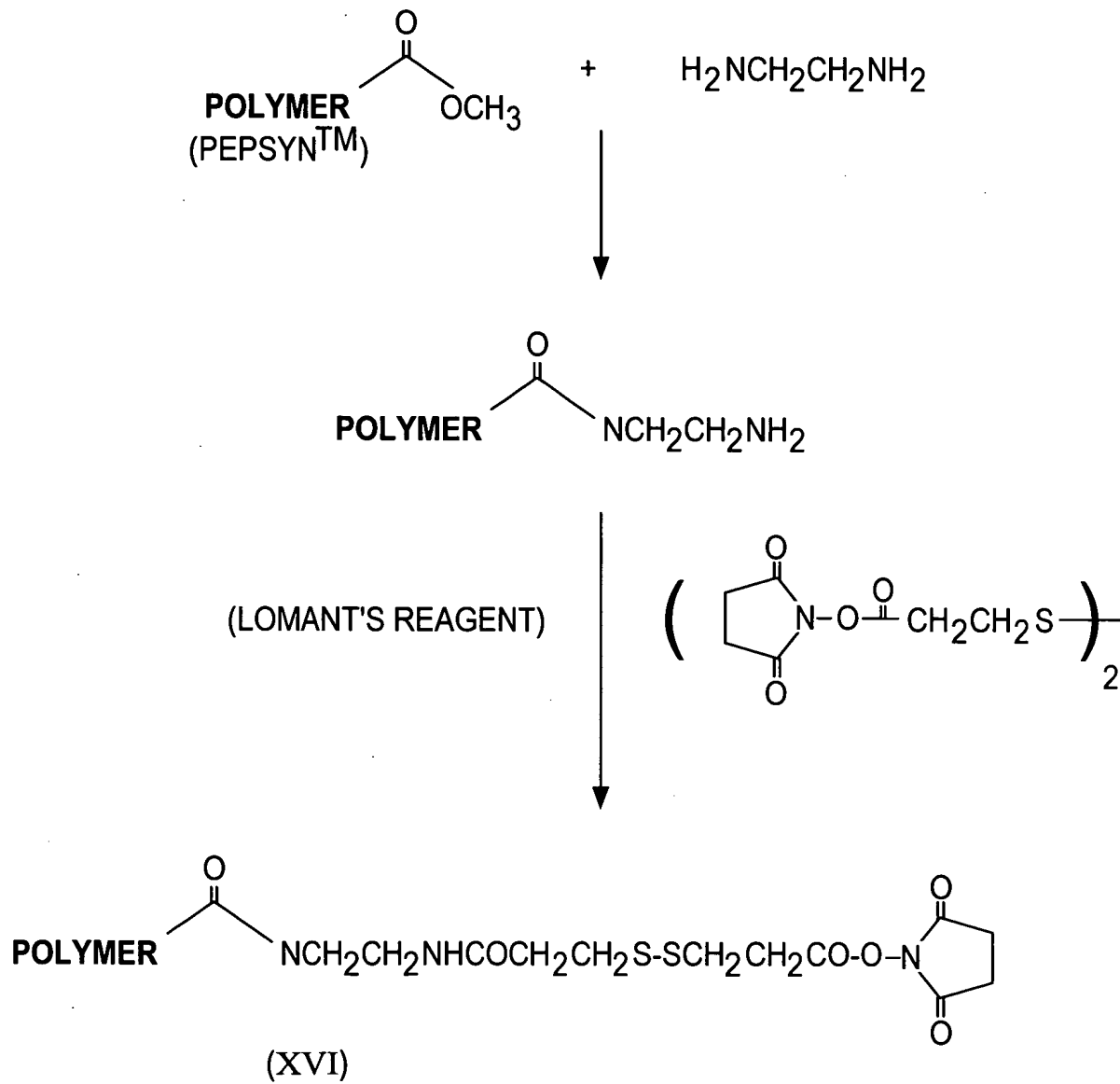
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SCHEME 2 (CONTINUED)

FIG. 21 (CONT'D)

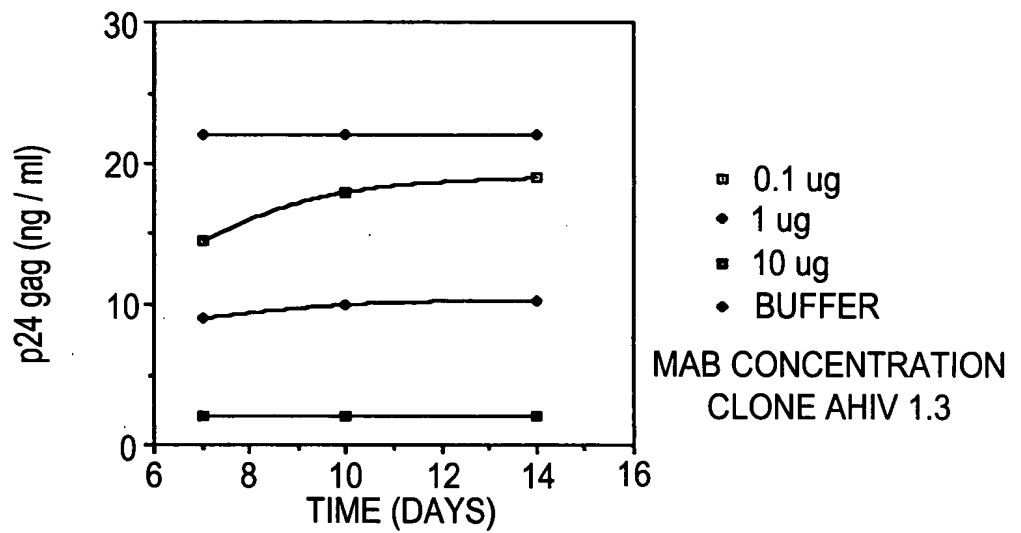
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SCHEME 3

FIG. 22

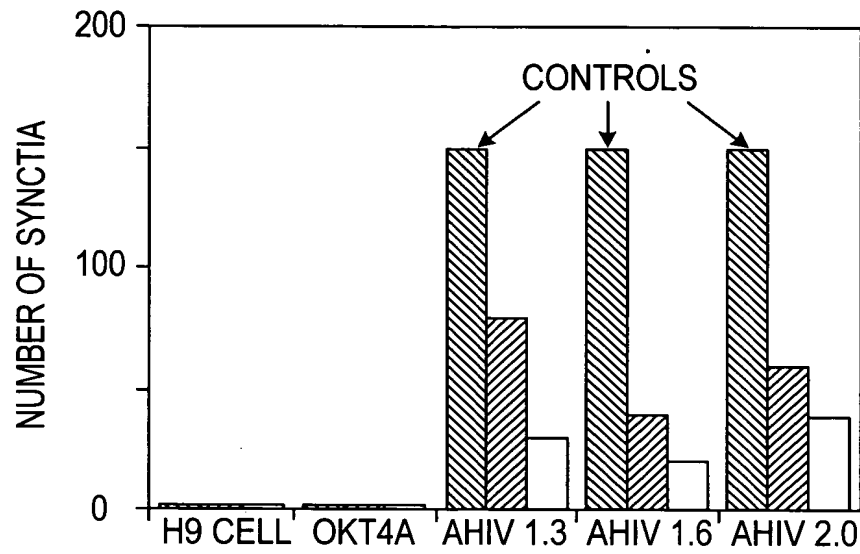
Antiviral Activity of Clones AHIV 1.3, AHIV 1.6 and AHIV 2.0 in HIV-1 Replication and Cell Fusion Assays



Dose Dependent Inhibition by Clone AHIV 1.3 of HIV-1 p24 gag Production in Infected H9 Cells

FIG. 23

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DOSE DEPENDENT INHIBITION BY CLONES AHIV 1.3,
AHIV 1.6, AND AHIV 2.0 OF
HIV-1 - INDUCED CELL-FUSION

FIG. 24